

Application No. 09/853,127
Amendment Dated October 18, 2004
Reply to the Office Action dated September 16, 2004

Remarks

Claims 1-13 of the application are pending

Claims 1-13 are subjected to a restriction requirement.

Claim 1-7, 10 and 12 have been cancelled without prejudice.

Claims 8, 9, 11 and 13 are hereby presented for review.

No new matter has been added.

In the Office Action, the Examiner has rejected the figures because they contain minor informalities. Applicants has amended Figs. 1, 2, 6, 7, 8 and 10 to correct the informalities, such as spelling errors. Also, in Fig. 6, Applicants have completed the figure label which is taken from the first paragraph on page 9 of the specification. As such Applicants submit that all minor informalities in the figures have been corrected and respectfully request that the objection to the figures be withdrawn. In the appendix, annotated sheets are presented showing the corrections in red ink. Replacement sheets, incorporating those changes, are also included.

In the next paragraph of the Office Action, the Examiner has issued a restriction requirement, indicating that the application contains four separate inventions, divided into Groups I- IV. Group I includes claim 1, classified in class 370, subclass 347 and is directed to increasing power and jamming. Group II includes claims 2-7, classified in class 370, subclass 342 and is directed to selectively increasing power. Group III includes claims 8, 9, 11 and 13, classified in class 455, subclass 523 and is directed to beam narrowing. Group IV includes claims 10 and 12 classified in class 455, subclass 522 and is directed to increasing power at a priority slot.

It is noted that Group IV, claims 10 and 12 are labeled as a second "group III," and the Examiner has not specifically referred to a group IV in the remarks. However, as

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the Examiner, has clearly indicated that he feels claims 10 and 12 are in a separate subclass than claims 8, 9, 11 and 13. As such, Applicants have treated claims 10 and 12 as a separate Group IV. If this assumption is incorrect Applicants request that the Examiner correct the record in the next action on the merits.

In response to the Examiner's restriction requirement, although Applicants disagree with the Examiner's contentions, Applicants elect to continue prosecution of the claims 8, 9, 11 and 13 in group III in the present application. Claims 1-7, 10 and 12 from groups I, II and IV have been cancelled without prejudice. Applicants specifically reserve the right to continue prosecution of claims 1-7, 10 and 12 in subsequently filed divisional applications filed at any time prior to the issue of the present application.

In view of the forgoing, Applicants respectfully submit that now pending claims 8, 9, 11 and 13 of the present invention are in condition for allowance, the earliest possible notice of which is earnestly solicited. If the Examiner feels that an interview would facilitate the prosecution of this Application he is invited to contact the undersigned at the number listed below.

Respectfully submitted,

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Amendments to the Drawings:

The attached sheets of drawings include changes to Figs. 1 and 2 on sheet 1; Fig. 6 on sheet 5; Fig. 7 on sheet 6; Fig. 8 on sheet 7 and Fig. 10 on sheet 9.

Sheet 1, which includes Figs. 1 and 2 replaces the original sheet 1.
Sheet 5, which includes Fig. 6 replaces the original sheet 5.
Sheet 6, which includes Fig. 7 replaces the original sheet 6.
Sheet 7, which includes Fig. 8 replaces the original sheet 7.
Sheet 9, which includes Fig. 10 replaces the original sheet 9.

On sheet 1, in Fig. 1, the spelling of the terms “instantaneous” and “concept” have been corrected.

On sheet 1, in Fig. 2, the spelling of the terms “frame” and “multiplexing” have been corrected.

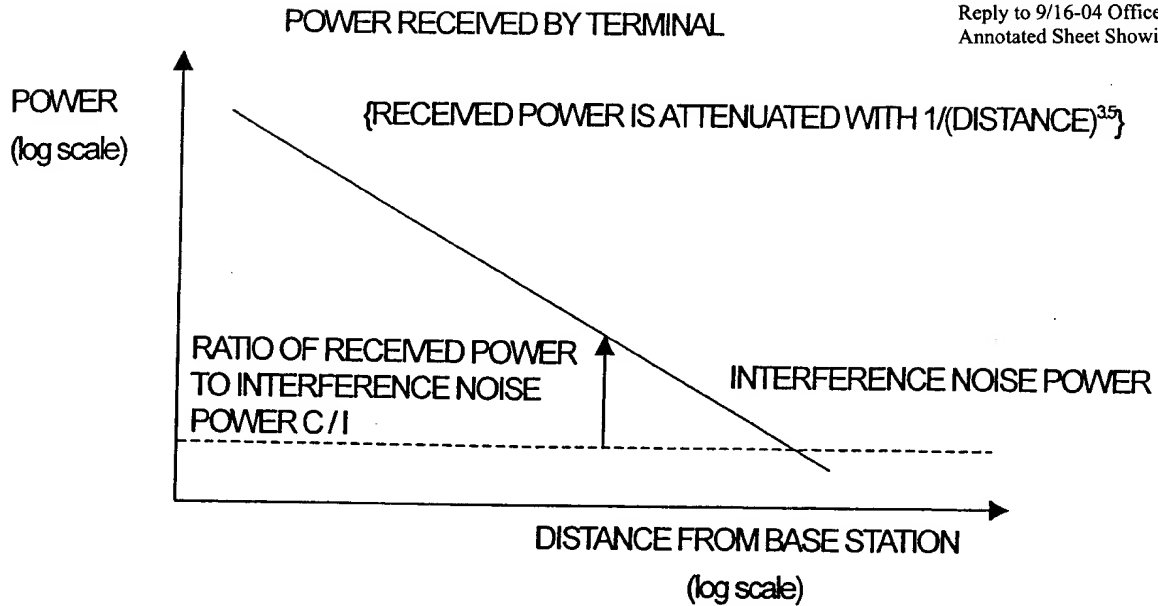
On sheet 5, in Fig. 6, the label sentence has been completed to read “transmission powers of base stations for power increase executed for only a part of the time slots in a transmission frame.”

On sheet 6, in Fig. 7, the spelling of the term “QoS” in element box 110 has been corrected.

On sheet 7, in Fig. 8, the spelling of the term “transmission” in element box 126 has been corrected.

On sheet 9, in Fig. 10, the spelling of the terms “QoS” in element box 110 and “receiver” in element box 152 have been corrected.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes



DISTANCE FROM BASE STATION	NEAR	MIDDLE	FAR
C/I	LARGE	MIDDLE	SMALL
MODULATION	OCTAL MODULATION	QUAD MODULATION	BINARY MODULATION
REDUNDANCY FOR ERROR CORRECTION	SMALL	MIDDLE	LARGE
INSTANTANEOUS TRANSMISSION	HIGH	MIDDLE	LOW

FIG. 1 BASIC CONCEPT OF HDR

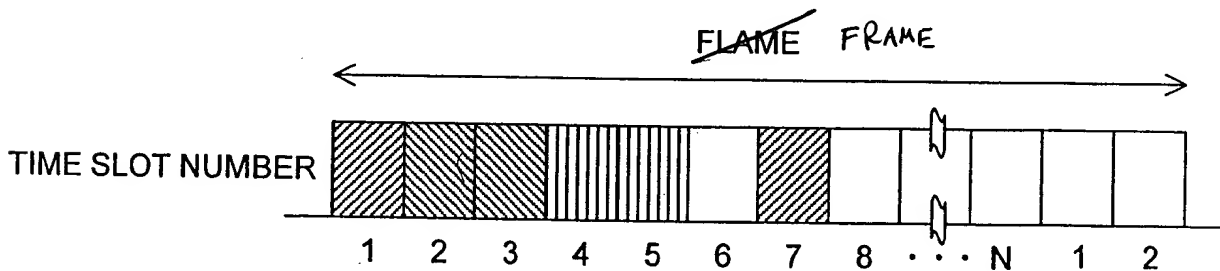


FIG. 2 MULTIPLEXING SYSTEM FOR HDR

MULTIPLEXING

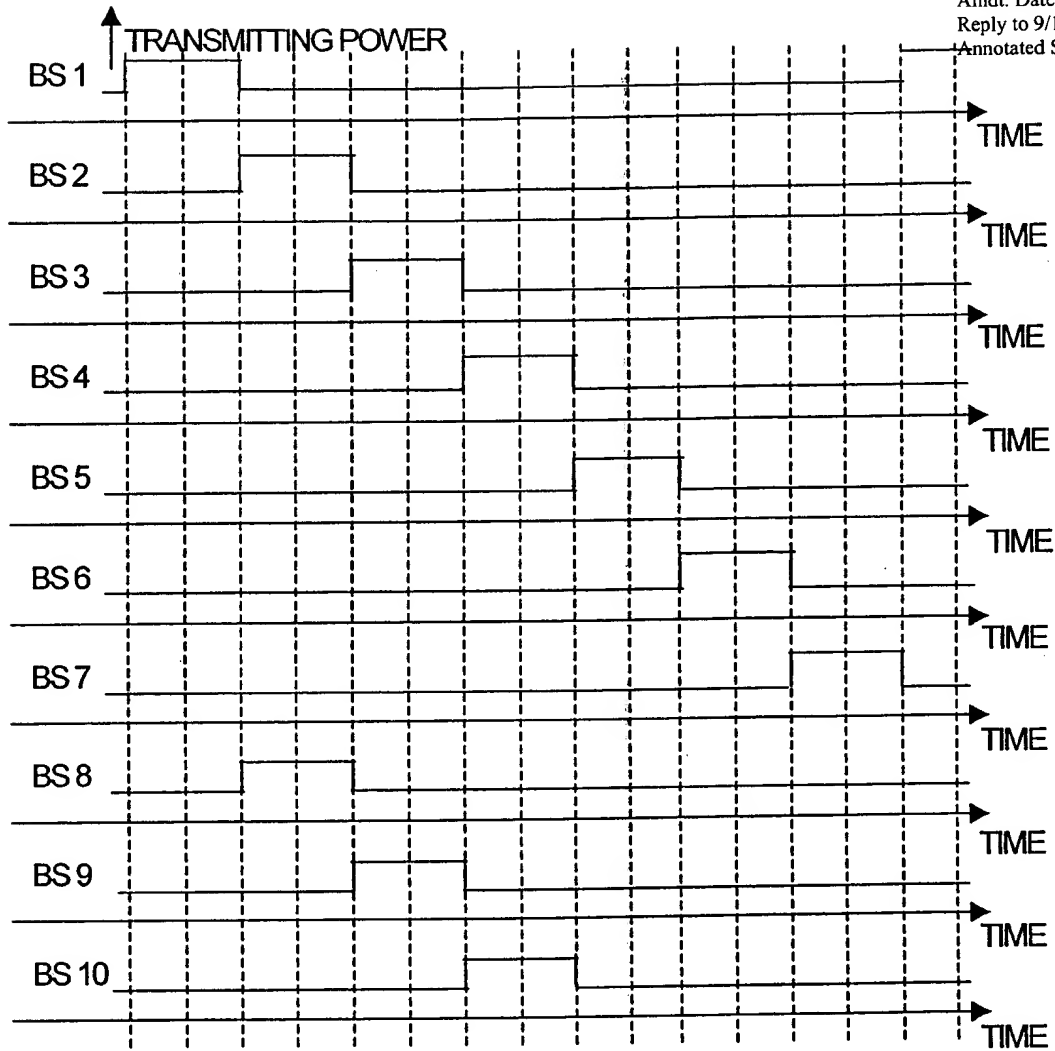
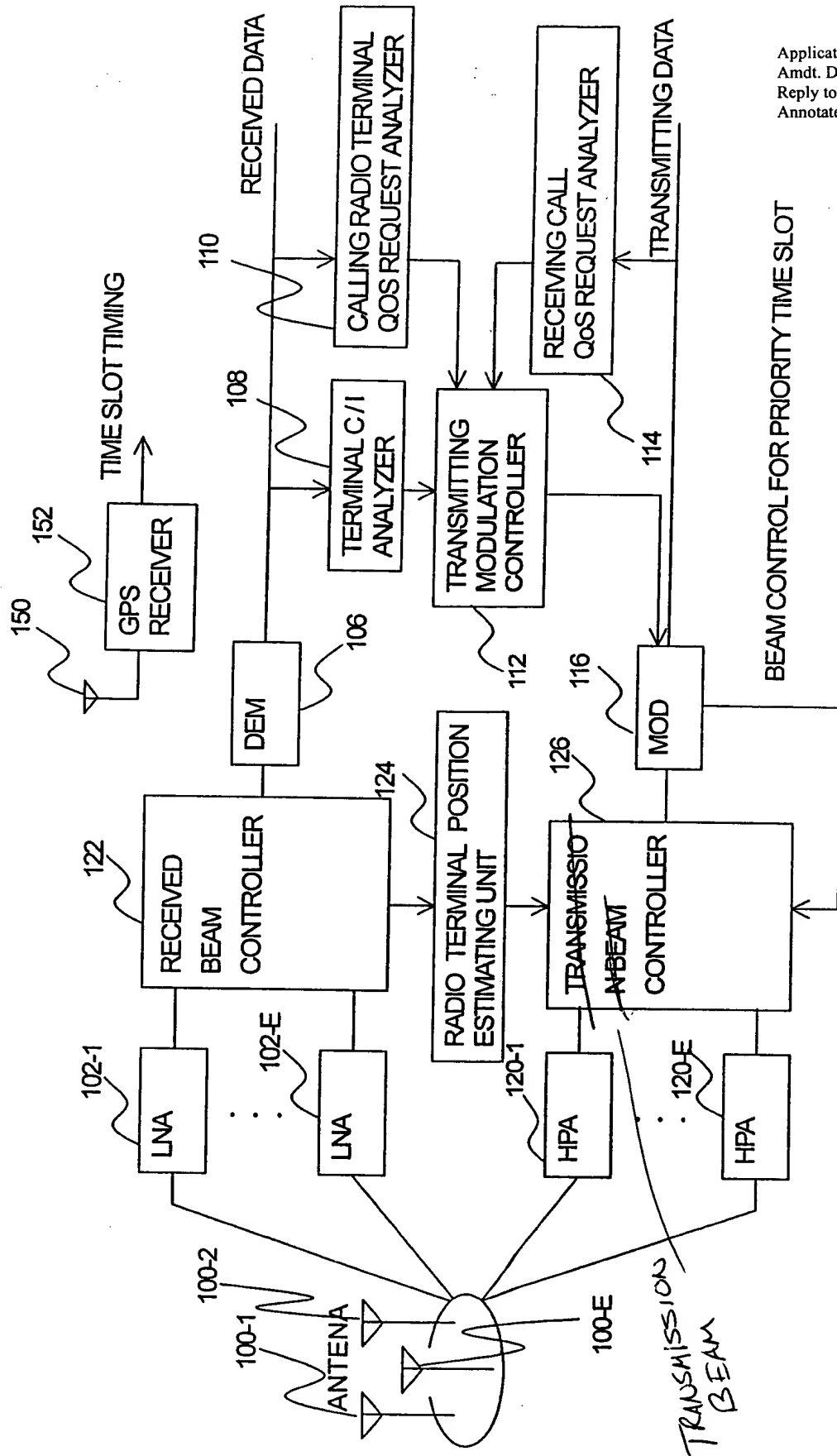


FIG. 6 TRANSMITTING POWERS OF BASE STATIONS DURING
FOR POWER INCREASE EXECUTED FOR
ONLY A PART OF THE TIME SLOTS IN A
TRANSMISSION FRAME



FIG. 7 EMBODIMENT I OF THE PRESENT INVENTION



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FIG. 8 EMBODIMENT II OF THE PRESENT INVENTION

PRIORITY TIME SLOT BEAM IS NARROWED TO INCREASE ANTENNA GAIN

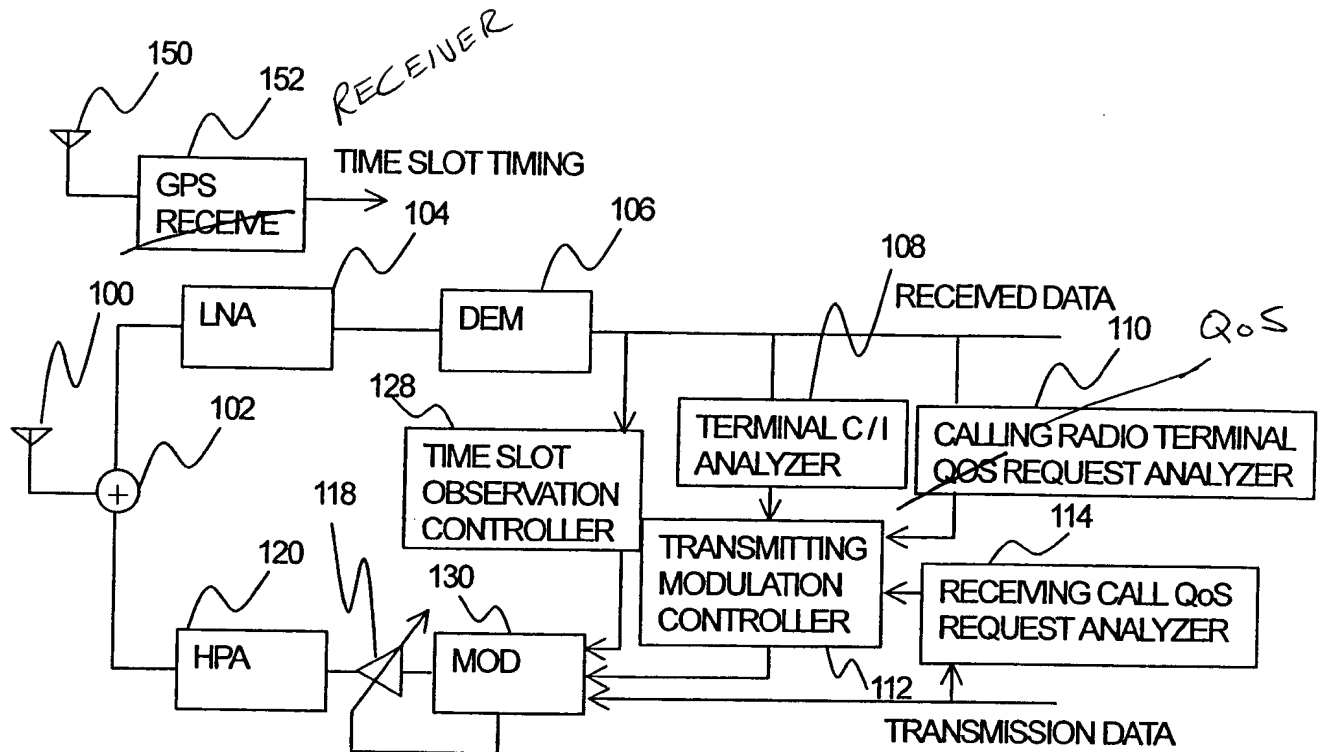


FIG. 10 EMBODIMENT III OF THE PRESENT INVENTION
 OBTAIN OPTIMAL TIME SLOT BY MONITORING